COASTAL AMUSEMENTS INC.

"...manufacturers & distributors of coin-op redemption games..."

CHUCK E. CHEESE'S CHATTY CHUCKE MANUAL



CHUCK E. CHEESE'S VIDEO CHATTY CHUCKE ä

OPERATING MANUAL

(version: 100201)

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CHUCK E. CHEESE'S VIDEO CHATTY CHUCKE

Introduction

The *Chuck E. Cheese's Chatty ChuckE* is a program, which runs under the DOS operating system on a PC (clone) platform. All necessary software is stored on a hard disk within the system cabinet. When powered on, the operating system will automatically "boot" from the hard disk and immediately start the game without operator intervention.

During the boot process, the operating system displays a number of messages indicating progress. Many of these messages are a result of "autoprobing" for attached hardware, which may or may not be present, e.g. a pointing device ("Mouse"). These messages may be ignored. However, should the boot process halt, the last message displayed should be recorded and reported to *Coastal* technical service.

Game Play

After the insertion of a coin (or coins), the game will exit the attract mode and show a phone on the screen and the lights on console panel phone pad will all light. The player can then choose a phone number by hitting the buttons on the console. If a number is not entered after a number of seconds the game will automatically choose 911 as the phone number. After the phone number is entered an animated video will play. After the animation is complete, the game will reset to the attract mode.

Setting Game Parameters

The game uses a number of parameters for operation, which are retained on the hard disk. These parameters are subject to change using an "operator's menu". This menu can be activated, *when the game is in attract mode only*, by pressing the setup button inside the machine cabinet. This switch is located on the switch panel behind the coin door.

Options Menu

1. COINS PER GAME: 1, 2, 3, 4
2. SOUND VOLUME: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

FIBERGLASS PHONE
INSTALLATION INSTRUCTIONS

The Chuck E. Cheese Chatty Chucke is shipped with the fiberglass phone packed separately to prevent damage to phone in shipping.

NOTE: Please read the installation directions to be sure that you understand how the phone attaches to the game body as the fiberglass phone may crack if not installed properly. The phone must be slid on from the front of the game, not lowered down on to the game.

Note: A zip lock bag containing wing bolts, washers & nuts is shipped with the game for mounting the phone

Step 1: Remove the fiberglass phone from the carton and place in on a secure work surface.

Step 2: Removal of the masking tape that is securing the monitor plexi for shipping is not necessary

Step 3: Remove the rear access door on the fiberglass phone by removing the four (4) 1024 x ¾" screws. Place the access door to the side for re-installation later.

Step 4: Place the fiberglass phone on top of the game cabinet but do not slide the phone down onto the cabinet, just rest it on top of the cabinet.

Step 5: Take the speaker extension wires and pass them thru the 1" hole in the bottom of the fiberglass phone. Then connect the speaker extension wires to the connectors lying inside the fiberglass phone. You can get access to the connectors via the access panel hole in the fiberglass phone.

Step 6: Pick up the fiberglass phone and hold it in front of the cabinet, align the notches in the phone with the edges of the monitor cabinet. Now carefully slide the fiberglass phone back towards the rear of the cabinet. At the same time you must draw the speaker wire in to the phone. Once the phone is slid back, press down slightly to seat the phone on the top of the cabinet

Step 7: Using the supplied wing bolts with washers and nuts, secure the phone with the wing bolts through the holes in the phone and cabinet top. Tighten the nuts being careful to not over tighten and crack the fiberglass phone.

Step 8: Re-install the rear access panel in the back of the fiberglass phone.

PARTS DIAGRAMS

COASTAL AMUSEMENTS

CEC CHATTY CHUCKE PARTS LIST

Item	Part	Description	Quantity
1	CACABCC	Chatty Chucke Cabinet	1
2	CACRACC QU645	Phone Cradle	1
3	CAPHOHS BK2001	Phone Handset w/ 32" cable	1
4	CACC FIBPHONE	Fiberglass Phone	1
5	CAG&GCC1	Chatty Chucke Monitor Plexi	1
6	CAG&GCC2	Chatty Chucke Control Panel Plexi	1
7	CAG&GCC3	Chatty Chucke Side Decal	2
8	CAG&GCC4	Chatty Chucke Front Decal	1
9	CAG&GCC5	Chatty Chucke Phone Decal	1
10	CAMETCCC016	Phone Cable Mounting Plate	1
11	CAMONWGT143IMIDM	14" Wells Gardner Monitor	1
12	CACM CM 61020082	Coin Door	1
13	CABUTMPB#CC	# Button	1
14	CABUTMPB*CC	* Button	1
15	CABUTMPB0CC	0 Button	1
16	CABUTMPB1CC	1 Button	1
17	CABUTMPB2CC	2 Button	1
18	CABUTMPB3CC	3 Button	1
19	CABUTMPB4CC	4 Button	1
20	CABUTMPB5CC	5 Button	1
21	CABUTMPB6CC	6 Button	1
22	CABUTMPB7CC	7 Button	1
23	CABUTMPB8CC	8 Button	1
24	CABUTMPB9CC	9 Button	1
25	CAPCBMEMGENIO	Gen I/O Board Complete	1
26	CAPCBMEMAMP	Amp Board Complete	1
27	CAPCBMB J531	J-531 Motherboard	1
28	CAMEM32MPC100	32MB Ram Stick	1
29	CACPUAMD500	AMD 500mhz processor	1
30	CAFANCPU	CPU Fan Socket 7	1
31	CAPS ATX250	ATX Power Supply	1
32	CASWIPB 8411K11	Momentary Switch	2

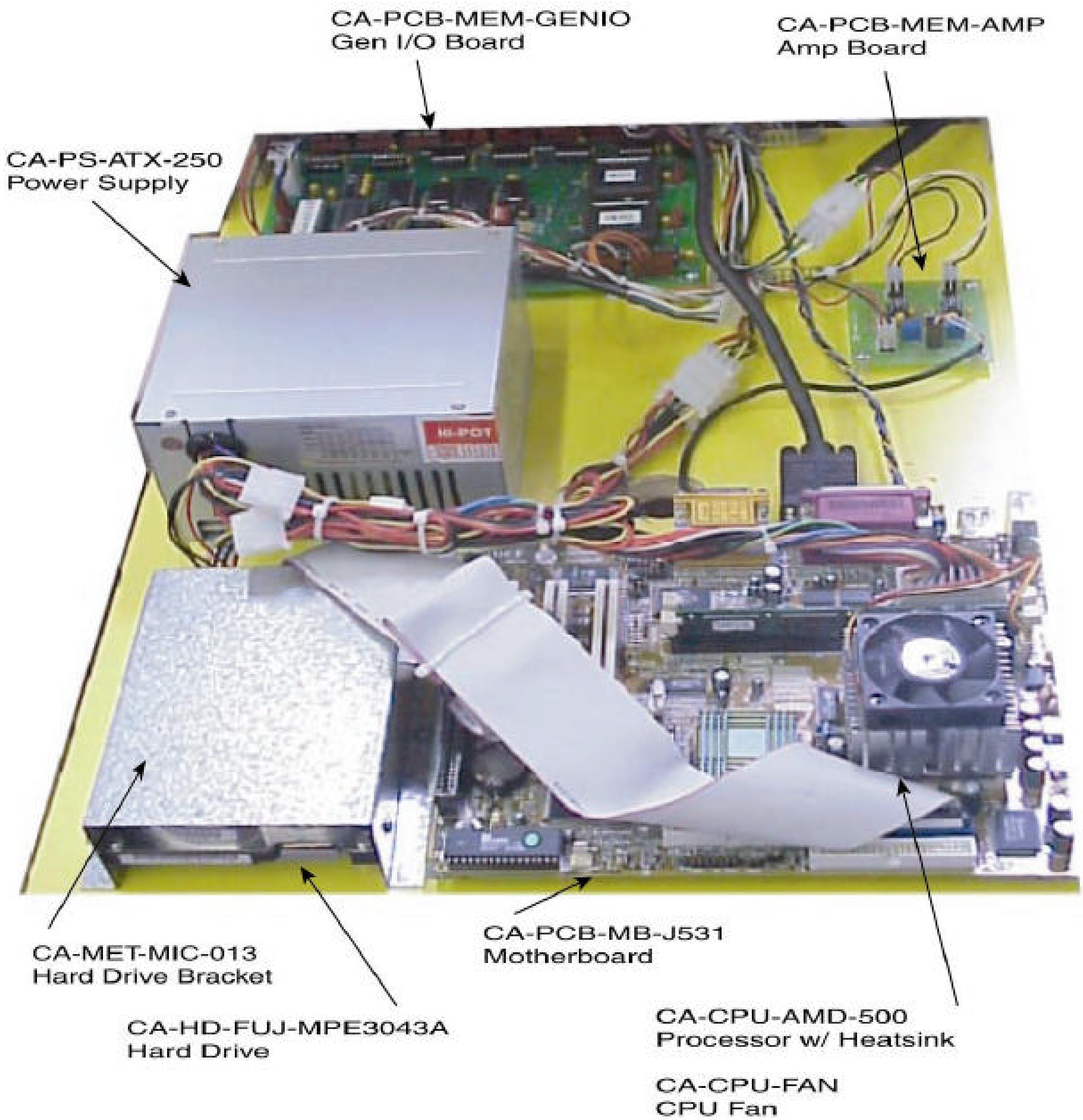
33	CASWITOG2047	Toggle Switch	1
34	CAMETDASDAS-624	Meter & Switch Bracket	1
35	CAMTRHS HS-005	12V Meter	1
36	CAMODRFI5EFM1S	ROI Power Entry Module	1
37	CAFUSSB 313002	2 Amp Slow Blow Fuse	1
38	CAMAS14 402	402 14" Monitor Mask	1
39	CAMETRB RB-7	Power Supply Bracket	1
40	'CASPE4" 8 OHM-5W'	4" Speaker	2
41	CAHD FUJMPE3043A	Hard Drive 4.3 gig	1
42	CAMETUNIG400LSB	4" Speaker Cover	2
43	CAMETMIC013	Hard Drive Bracket	1
44	CALOC118GU071	1 1/8" Showbiz Lock	2
45	CALOC7/8GU071	7/8" Showbix Lock	2
46	CALOCKEYGU071	Key for Showbiz Lock	1
47	CAHARGTMICRO231	Right Angle Power Cable 10”	1
48	CAHARCCAC1	AC Power Extention Cord	1
49	CAHARCC1	Coin Mech Cable	1
50	CAHARCC2	Communication Cable	1
51	CAHARCC3	AC Power Y Cable	1
52	CAHARCC4	RFI Power Entry Module Cable	1
53	CAHARCC5	Speaker Harness	1
54	CAHARCC6	10” Speaker Harness Extention	2
55	CAHARCC7	Electronics Tray Harness	1
56	CAHARCC8	Button Panel Harness	1

CC-1



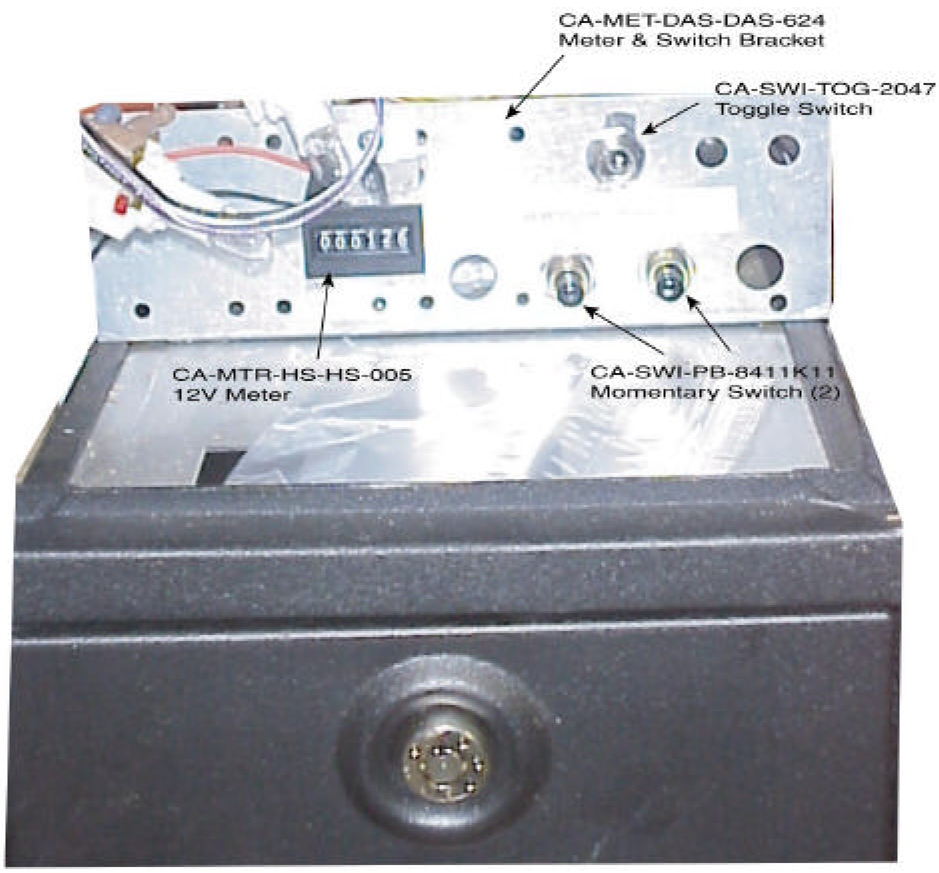
CA-G&G-CC5
Phone Decal
CA-CC-FIB-PHONE
Fiberglass Phone
CA-G&G-CC1
Monitor Plexi
CA-CAB-CC
CA-G&G-CC4
Front Decal
CA-CRA-CC-QU645
Phone Cradle
CA-PHO-HS-BK2001
Phone Handset
CA-G&G-CC3
Side Decal
CA-G&G-CC2
Console Plexi
CA-CM-CM
Coin Door
CA-BUT-MPB#
thru
CA-BUT-MPB9
Button Assemblies

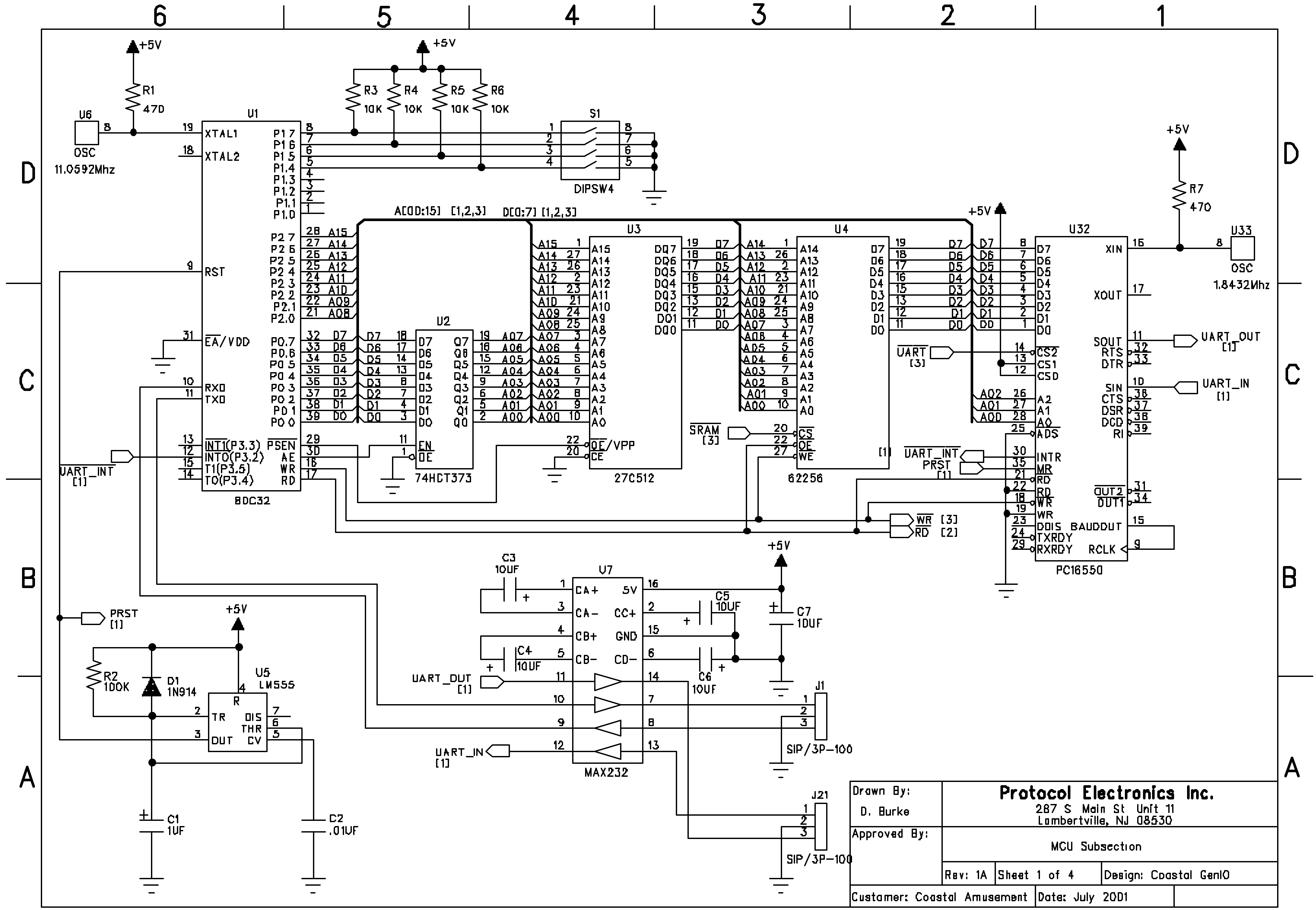
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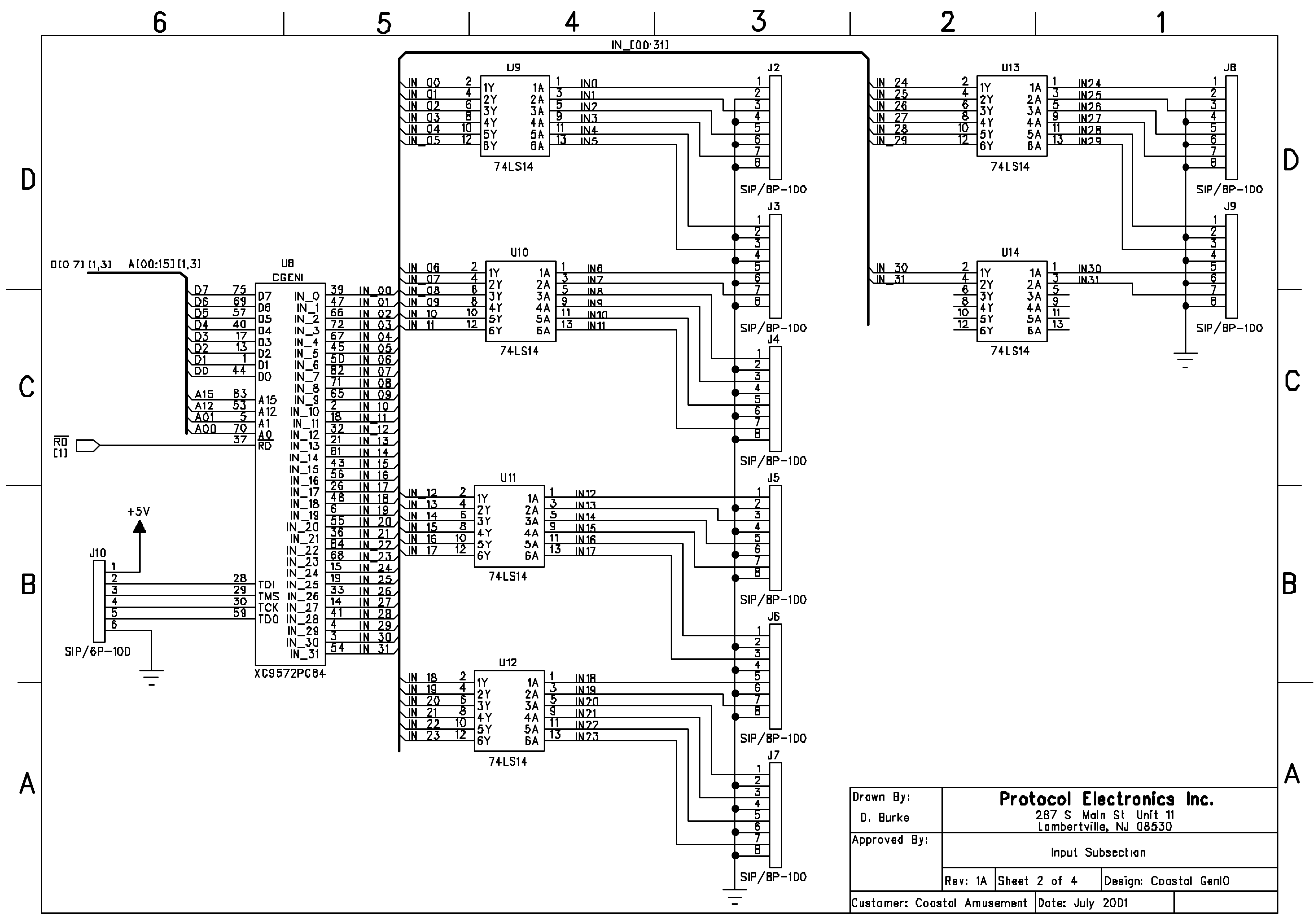


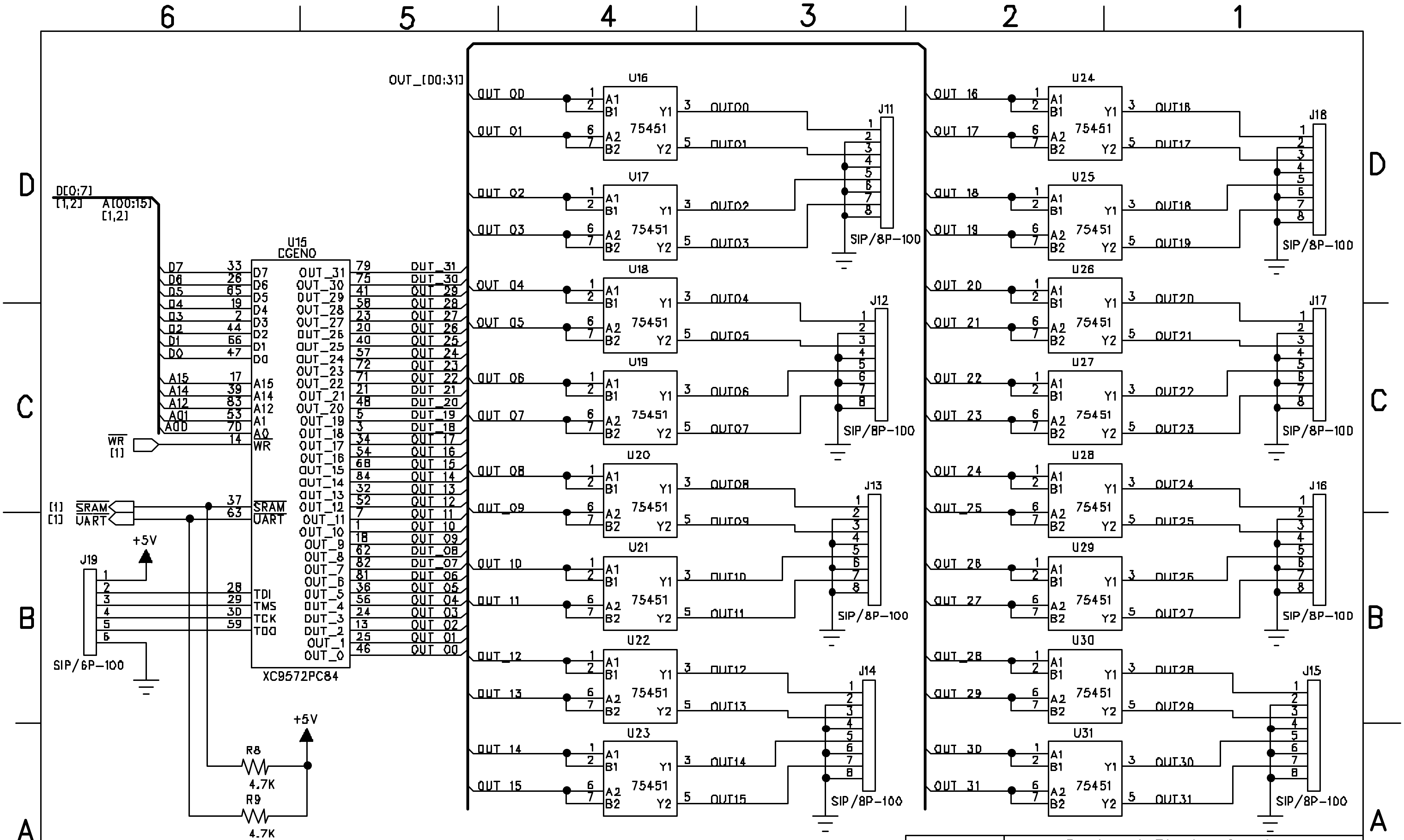
CA-PCB-MEM-GENIO
Gen I/O Board
CA-PCB-MEM-AMP
Amp Board
CA-PS-ATX-250
Power Supply
CA-MET-MIC-013
Hard Drive Bracket
CA-HD-FUJ-MPE3043A
Hard Drive
CA-PCB-MB-J531
Motherboard
CA-CPU-AMD-500
Processor w/ Heatsink
CA-CPU-FAN
CPU Fan

CC-3

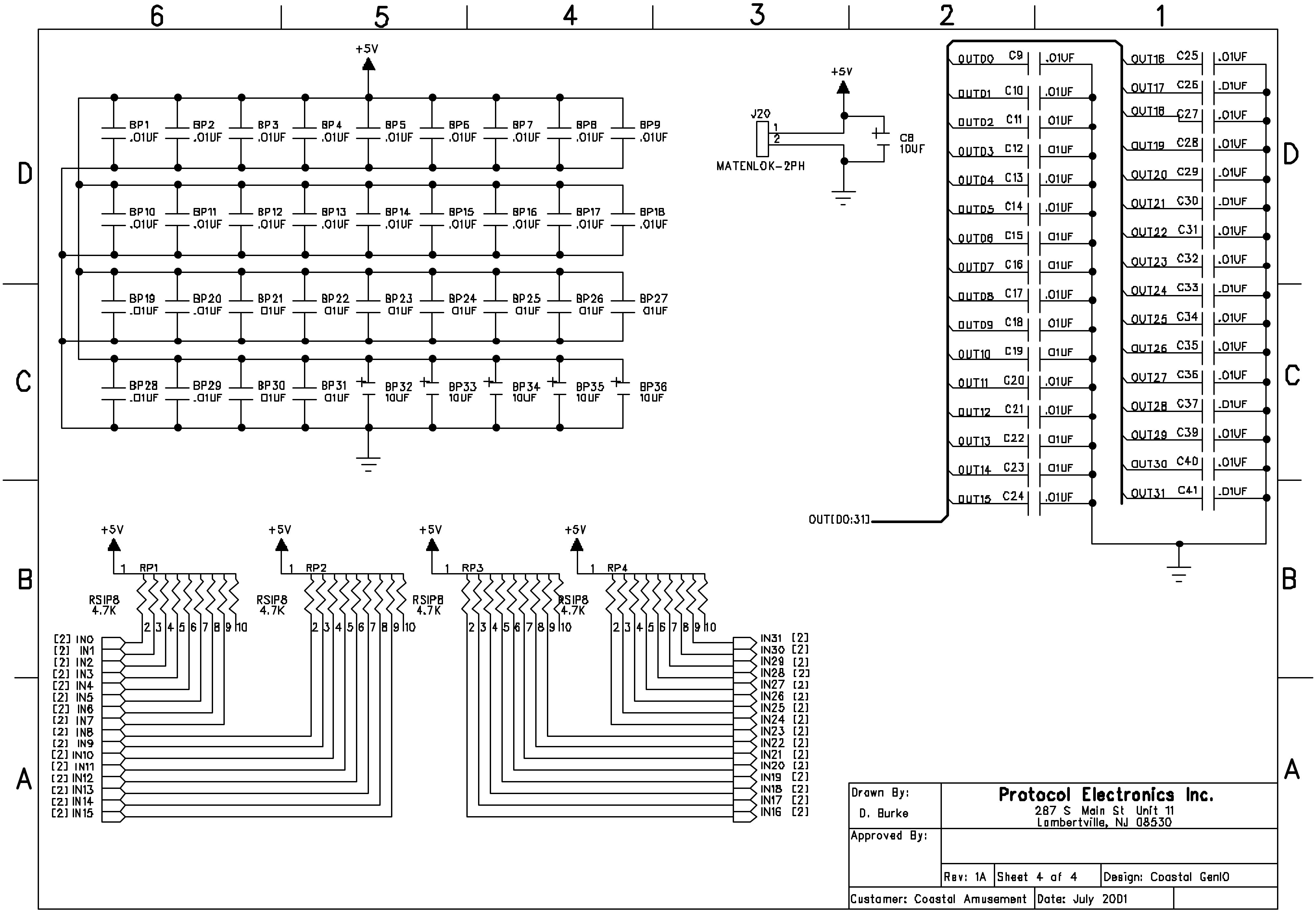

CA-MET-DAS-DAS-624
Meter & Switch Bracket
CA-SWI-TOG-2047
Toggle Switch
CA-MTR-HS-HS-005
12V Meter
CA-SWI-PB-8411K11
Momentary Switch (2)


U6
OSC
11.0592Mhz
R1
47Ω
+5V
U1
8DC32
XTAL1
XTAL2
RST
EA/VDD
RXD
TXD
INT1(P3.3)
INT0(P3.2)
T1(P3.5)
T0(P3.4)
PSEN
AE
WR
RD
R3 10K
R4 10K
R5 10K
R6 10K
S1
DIPSW4
A[00:15] [1,2,3]
D[0:7] [1,2,3]
U2
74HCT373
U3
27C512
OE/VPP
CE
U4
62256
SRAM [3]
+5V
UART [3]
UART_INT
PRST [1]
WR [3]
RD [2]
U32
PC16550
XIN
XOUT
SOUT
RTS
DTR
SIN
CTS
DSR
DCD
RI
OUT2
OUT1
BAUDOUT
RCLK
INTR
MR
ADS
DDIS
TXRDY
RXRDY
U33
OSC
1.8432Mhz
R7
470
UART_OUT [1]
UART_IN [1]
UART_INT [1]
PRST [1]
R2 100K
D1 1N914
U5 LM555
C1 1UF
C2 .01UF
C3 10UF
C4 10UF
C5 10UF
C6 10UF
C7 10UF
U7
MAX232
UART_OUT [1]
UART_IN [1]
J1
SIP/3P-100
J21
SIP/3P-100
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MCU Subsection
Rev: 1A
Sheet 1 of 4
Design: Coastal GenIO
Customer: Coastal Amusement
Date: July 2001

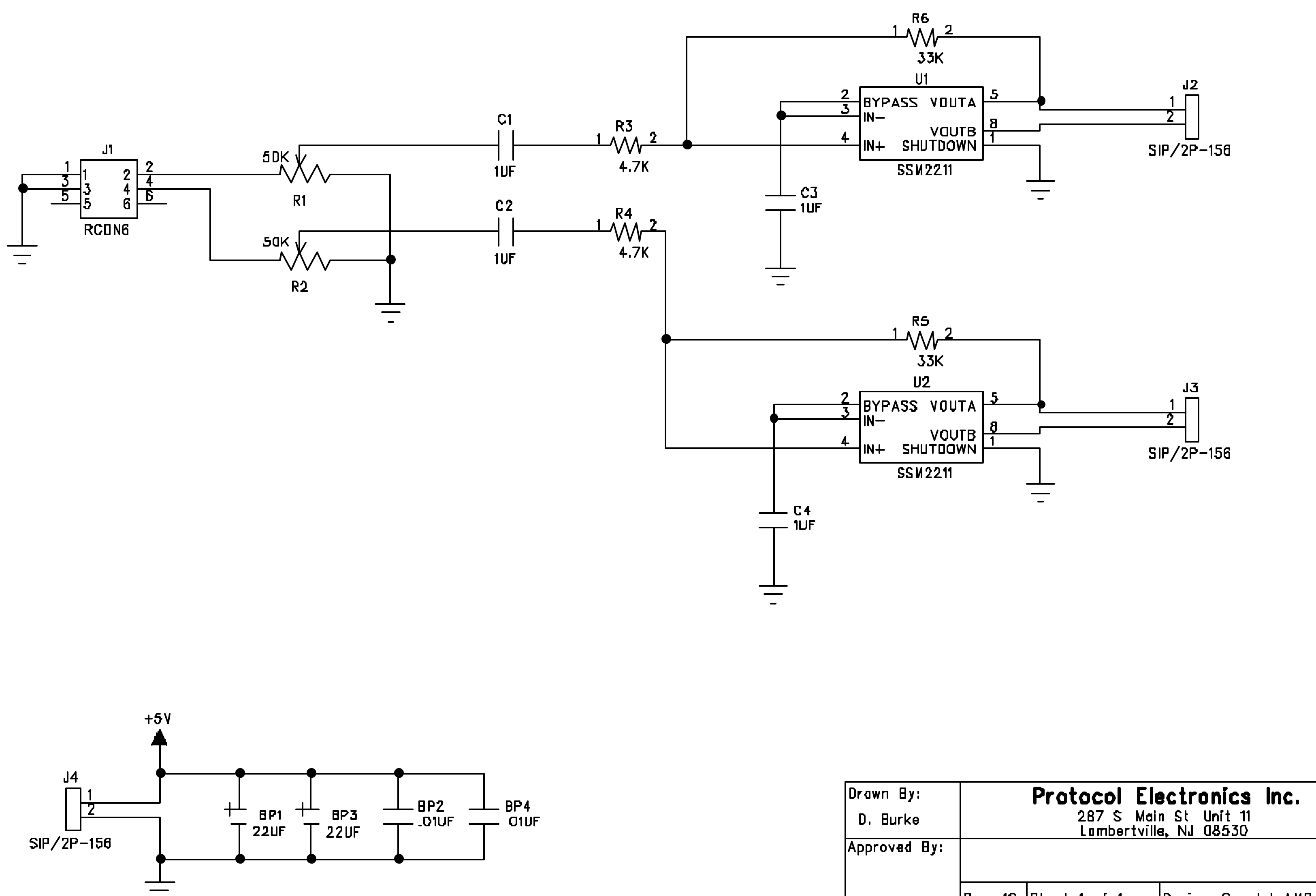

IN_[00:31]
U9
U10
U11
U12
U13
U14
74LS14
U8
CGENI
XC9572PC84
J2
J3
J4
J5
J6
J7
J8
J9
SIP/8P-100
J10
SIP/6P-100
+5V
D[0 7] [1,3]
A[00:15] [1,3]
RD
[1]
TDI
TMS
TCK
TDO
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Rev: 1A
Sheet 2 of 4
Design: Coastal GenIO
Customer: Coastal Amusement
Date: July 2001



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Approved By:	Output Subsection		
	Rev: 1A	Sheet 3 of 4	Design: Coastal GenIO
Customer: Coastal Amusement	Date: July 2001		



+5V
BP1 .01UF
BP2 .01UF
BP3 .01UF
BP4 .01UF
BP5 .01UF
BP6 .01UF
BP7 .01UF
BP8 .01UF
BP9 .01UF
BP10 .01UF
BP11 .01UF
BP12 .01UF
BP13 .01UF
BP14 .01UF
BP15 .01UF
BP16 .01UF
BP17 .01UF
BP18 .01UF
BP19 .01UF
BP20 .01UF
BP21 .01UF
BP22 .01UF
BP23 .01UF
BP24 .01UF
BP25 .01UF
BP26 .01UF
BP27 .01UF
BP28 .01UF
BP29 .01UF
BP30 .01UF
BP31 .01UF
BP32 10UF
BP33 10UF
BP34 10UF
BP35 10UF
BP36 10UF
J20
MATENLOK-2PH
C8 10UF
OUTD0 C9 .01UF
OUTD1 C10 .01UF
OUTD2 C11 .01UF
OUTD3 C12 .01UF
OUTD4 C13 .01UF
OUTD5 C14 .01UF
OUTD6 C15 .01UF
OUTD7 C16 .01UF
OUTD8 C17 .01UF
OUTD9 C18 .01UF
OUT10 C19 .01UF
OUT11 C20 .01UF
OUT12 C21 .01UF
OUT13 C22 .01UF
OUT14 C23 .01UF
OUT15 C24 .01UF
OUT16 C25 .01UF
OUT17 C26 .01UF
OUT18 C27 .01UF
OUT19 C28 .01UF
OUT20 C29 .01UF
OUT21 C30 .01UF
OUT22 C31 .01UF
OUT23 C32 .01UF
OUT24 C33 .01UF
OUT25 C34 .01UF
OUT26 C35 .01UF
OUT27 C36 .01UF
OUT28 C37 .01UF
OUT29 C39 .01UF
OUT30 C40 .01UF
OUT31 C41 .01UF
OUT[D0:31]
RP1 RSIP8 4.7K
RP2 RSIP8 4.7K
RP3 RSIP8 4.7K
RP4 RSIP8 4.7K
[2] IN0
[2] IN1
[2] IN2
[2] IN3
[2] IN4
[2] IN5
[2] IN6
[2] IN7
[2] IN8
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Rev: 1A
Sheet 4 of 4
Design: Coastal GenIO
Customer: Coastal Amusement
Date: July 2001



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	Rev: 1C	Sheet 1 of 1	Design: Coastal_AMP
Customer: Coastal		Date: August 2001	